LArSoft

	2021-3			2021-4				2021-5				2021-6					2021-7				2021-8					
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
LArSoft				•		LA	rSoft					•	•			•		•	•	•	•					
Introducing IDs for photon detector geometry		Assig	ned		_																					
recob::PCAxis uses nested vector to represent ()		Assig	gned																							
Pedestal passed by mutable reference in raw.cxx ()	Reso	lved																							
raw.cxx Uncompress gives wrong results for ()		Assiç	gned																							
AlgoThreshold_test needs to be fixed		Assiç	gned																							
memory access error in larana/CosmicRemoval/Bear	nFla	≱i∓a≜ı	10RM	atch	Tag	gerAl	lg.cxx	(
Have a uniform way to identify decay/stopping ()		Assig	gned																							
TPC Active Volume		Reso	lved																							
Provide a better way to simulate non-standard ()		Assig	gned																							
Remove unused code for optical and shower ()		Assig	gned																							
FLUKA interface with LArSoft		Assig	gned																							
Refactoring LArG4		Reso	lved	99%																						
Finish documentation for LArG4 Restructure		Reso	lved																							
Include paths in FHiCL include directives		Acce	pted																							
Talk to Pandora about exporting their Pandora ()		Assig	gned																							
Memory errors and leaks		Assig	gned																							
PhotonVisibilityService should be factorised		Acce	pted																							
Lack of activating the Geant4 visualization ()		Assig	gned																							
larpandora repository - history includes ()		Assig	gned																							
MCRecoPart uses non-portable coordinate system		Reso	lved																							
Memory errors and leaks		Assig	gned																							
Conflict between DUNE and MicroBooNE code		Reso	lved																							
Support detectors with drift direction different ()		Assiç	gned																							
Update event display to support arbitrary ()		Assig	gned																							
Verify that the wire and optical calibration ()		Assig	gned																							
Update PMA to support any drift direction ()		Assig	gned																							
LArG4 MCParticle hierarchy information		Reso	lved																							

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	MARLEYGen module fails to use loaded nuclear ()	Resolved
	OpFlashAlg incompatible with multi-TPC detectors	Assigned
	Migrating LArSoft to SPACK build system	Assigned
	Remove legacy data members from recob::Track	Assigned
	Update the reconstruction algorithms to support ()	Assigned
	Add geometry tests in the integration test	Assigned
	Provide module-independent ionization transportation	(.A)ssigned
	Backtracker fails on corsika in-time MC	Assigned
	problems using feature/dgg_lightprop	Resolved
	Cannot run g4 in argoneut simulation	Resolved
	Memory deallocation error running MicroBooNE ()	Resolved
	Remove DUNE-specific code from GeometryGeo	Resolved
	Zero length steps during LArG4	Resolved
	Floating Point Exceptions	Assigned
	floating point divide by zero in tca:MCSMom	Resolved
	Floating point divide by zero in TrajClusterAlg::Update	eT ra ęsolved
	Floating point divide by zero in ClusterParamsAlg::Ref	fin €isatis hii
	Floating point divide by zero in EMShowerAlg.cxx	Assigned
	Update wiki pages to reflect the new repository ()	Accepted
	Space Charge Effects (SCE) can shift the ()	Accepted
	Create an example about how to produce a ()	Assigned
	create an art example	Assigned
	create a gallery example	Assigned
	'Global wire' coordinate within LArSoft geometry	Assigned
	Add geometry infrastructure for support ()	Feedback
	Design and implement global wire coordinate ()	Assigned
	environment variable to ctskelgen	Assigned
	Large memory usage in SpacePointSolver for ()	Assigned
	Make Doxygen show full paths for header #include () Assigned
	Fix event display so that hits associated ()	Assigned
	MARLEYHelper fails to load ROOT-based neutrino ()	Resolved
	Vectorization of LArSoft Code	Assigned
	setting up and running LArSoft on laptop ()	Assigned
	Investigate potential areas where vectorization ()	Assigned
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Create internal implimentation of ParticleList () SimpleBoundary() should be moved from DetectorPropo-Meder (.)) Documentation of momentum calculator not () Make Ot and PyOt 46 official ups products Update list of external package used in () Put code LArSoft repositories under Apache () Bug in ISCalcSeparate::EFieldAlStep PhotonBackTracker OpFiash Matching Prep is () GenieGen module requites a cryostat in the () Bug in Fiducial Volume Definition in Larsim Update LarSoft Infrastructure for GENIE v3.0.2 larsimEventGenerator/GENIE/GENIEGen_module.oc LArPandora - ProtoDUNEEsemEvent Inconsistent location of wire plane reported () Tons of messages for background simulations, Provide a LArSoft geometry example working () Peerove deprecated getfi() members from data () Upgrade PMag algorithms for thread safety Make GausHifFinder's dependence on RawDigit () Make IsRealData consistent across backtracking () Non-standard SpaceCharge interface Update wiki page for new directory structure trits_clients and tensorflow interfaces need () Unusually long run time for first lar command () Unusually long run time for first lar command () Unusually long run time for first lar command () Unusually long run time for first lar command () Unusually long run time for first lar command () Unusually long run time for first lar command () Unusually long run time for first lar command () Unusually long run time for first lar command () Unded Wiki Instructions for creating indirection (1-) Reproducible events in the refactored LArG4 Wrong position of reflective foil on OpFastScintilliatin MB does not initialise diffier or Reicaback Peedback Vasigned Peedback Assigned Assigned Accepted Assigned Accepted Assigned Accepted Assigned Assigned Accepted Assigned Accepted Assigned Accepted Assigned Assigned Accepted Feedback Assigned Assigned Accepted Feedback Assigned Accepted Feedback Assigned Accepted Feedback Assigned Accepted Feedback Assigned Feedback Assigned Feedback Assigned Feedb		
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Scintillation visibility by semi-analytic () Accepted	MRB does not initialise GitFlow	•
	Reintroduce FinalStateSelectFilter to LArEvt	
Opposite channel numbering sorting for OpDets Feedback	Scintillation visibility by semi-analytic ()	Accepted
	Opposite channel numbering sorting for OpDets	Feedback

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It is possible to specify inconsistent GDMLs ()	Assigned
Calorimetry module replacement	Assigned
Implicit conversion loses integer precision ()	Assigned
restructure larrecodnn	Assigned
Changes to nusimdata saving Transportation ()	Assigned
Update to gallery v1_15	Accepted
Request to provide LArSoft builds for ubuntu ()	Accepted
Memory footprint increase in ProtoDUNE reconstruction	on Ąsşigned
	()Assigned
need new version of Nvidia Triton (formerly ()	Assigned
Can't generate events with no neutrino interactions (.	
Libtorch v1.6.0 high memory usage	Feedback
LArSoft - v06_69_00	v06_69_00 100%
Trajcluster segfault	Resolved
LArSoft - 2017-3-quarter	
Provide a tool to facilitate the creation ()	Resolved
LArSoft - 2017-4-quarter	
Decay products in pandora do not start ()	Accepted
Profiling LArSoft	Assigned
LArSoft - 2018-2-quarter	
Function to return a list of compatible ()	Under Discussion
LArSoft - 2018-3-quarter	
Establish a standard way to represent ()	Accepted
LArSoft - 2019-1-quarter	
Load geometry from ROOT file instead ()	Accepted
Add a compact representation for the ()	Accepted
review typedef cryo_tpc_view_hitmap	Accepted
Phase 3 Tracking Data Product	Accepted
Provide an interface for access ()	Accepted
Design an interface for access ()	Accepted
PointlessGCCXML in LArSoft data ()	Accepted
LArSoft - develop/HEAD	
TStreamer Error While converting old ()	Accepted
simultaneous use of auxdetgeometry service ()	Feedback

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ArgoNeuT code Resolved larwirecell New uBooNE code New Assigned 50% New New New New New New New New Resolved New New New Assigned uBAna New

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